

AMENDMENTS

Amendments to the Specification

Please replace lines 1-10 of page 7 with the following:

FIG. 1A and 1B: An *in vivo* solubility assay based on structural complementation. (FIG. 1A) A schematic depicting the complementation solubility assay. P (squares) represents the target protein, and α (triangles) and ω (trapezoids) represent each of the complementing fragments of the tetrameric β -galactosidase. Brackets indicate the concentration dependence of the assay regarding the availability of soluble (folded) target/ α fusion. K_d is indicated solely to highlight the concentration-dependent equilibrium association/dissociation reaction. (FIG. 1B) A schematic representation of the target protein/ α -fragment C-terminal fusion expression construct (α -fragment, residues 7-58 from full length β -galactosidase). "HA" indicates the position of the inserted influenza hemagglutinin (HA) immuno-tag (residue sequence YPYDVPDYA (SEQ ID NO:1)) present in some of the constructs examined.

Please replace lines 1-7 of page 65 with the following:

G32D/I33P -

5'-GATGCTAACGGTGACTTTAGGATCGGTATCTTCTCGAATTTC-3' (SEQ ID NO:2)

G32D -

5'-CAACGGTGACTTAATATCGGTATCTTCTCG-3' (SEQ ID NO:3)

133P -

5'-GGTGACTTAGGTCCGGTATCTTCTCG-3' (SEQ ID NO:4)